

August 9, 2011

Mr. Garnett Brown
City of Atlanta - Bureau of Planning
55 Trinity Avenue
Suite 3350
Atlanta, GA 30303

Subject: Report of Asbestos and Leaded Paint Consulting Services
400 Northside Drive
Atlanta, Georgia 30318
AMEC E&I Project 6122-11-0019 Task 03.7

Dear Mr. Brown:

AMEC E&I, Inc. (AMEC), formerly MACTEC Engineering & Consulting, Inc. (MACTEC) has completed the survey for asbestos-containing materials (ACM) and lead-containing paint screening at the subject property located at 400 Northside Drive, Atlanta, Georgia. Our services were performed in general accordance with the scope of work outlined in our proposal dated May 11, 2011. This report gives a brief background for the project, our site observations, the survey procedures, the laboratory results, and recommendations concerning the reported asbestos-containing materials located during the survey.

BACKGROUND INFORMATION

AMEC understands that the City of Atlanta is planning renovation activities associated with the subject structure. The City of Atlanta requested AMEC provide a pre-renovation asbestos survey and screening for lead-containing paint prior to commencement of renovation activities.

OBSERVATIONS

The subject building is in an L-shaped configuration that is partly two-story commercial/office space and partly single-story warehouse space. The commercial/office structure consists of concrete, masonry, wood and steel framing with brick exterior walls on a concrete slab on grade. Interior walls were observed to be concrete masonry unit (CMU) construction, brick, wood panelling or gypsum wallboard with joint compound. Interior ceiling finishes were comprised of acoustical ceiling tiles. Floor finishes observed include bare and painted concrete, vinyl tiles, ceramic tiles and carpet. The showroom/office roofing system is comprised of built-up roofing materials. The heating, ventilation, and air conditioning (HVAC) service for the structure is provided from a first floor, second floor and roof-top air handling units. Insulated and non-insulated plumbing is present throughout most of the structure. In general, our observations noted that the mechanical equipment and component insulation consisted of glass fiber insulation and foam insulation, which are not suspect asbestos-containing materials.

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The warehouse structure has a CMU block system supplemented with a steel frame roofing system and a concrete slab-on-grade foundation. Interior walls were observed to be CMU construction or wood panelling. Interior ceiling finishes were comprised of sheet metal and acoustical ceiling tiles. Floor finishes observed include bare concrete and vinyl tiles. The warehouse structure roofing system consists of built-up roofing materials. The HVAC service for the warehouse structure is provided from a suspended air handling unit. In general, our observations noted that the mechanical equipment and component insulation consisted of glass fiber insulation, which is not a suspect asbestos-containing material. No suspect asbestos-containing thermal system insulation was observed in the warehouse structure.

ASBESTOS SURVEY

AMEC was retained to perform an asbestos survey within the subject building in order to meet the asbestos sampling and reporting requirements of the US Occupational Safety and Health Administration (OSHA) and the EPA's National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations. The scope of the ACM survey included destructive techniques as an attempt to locate suspect ACM concealed within pipe chases, wall/ceiling cavities, multiple layers of flooring, etc. However, the scope of work did not include evaluation of the roofing systems of the structure.

The purpose of the survey was to locate and quantify ACM throughout the structure prior to renovation. AMEC attempted to locate suspect asbestos-containing materials throughout the facility; however it is possible that additional suspect ACM may be encountered during demolition/renovation.

Josh Januzelli and Chris Dubour, EPA Asbestos Hazard Emergency Response Act (AHERA) accredited Building Inspectors performed the survey on July 18 and July 19, 2011. Evidence of current accreditation is included in Appendix A of this report.

Sampling and Analysis

United States Environmental Protection Agency (EPA) and Occupational Safety and Health Administration (OSHA) have published regulations, guidelines, and recommendations regarding inspection and sampling for ACM. These regulations, guidelines, and recommendations were adhered to as appropriate during the survey.

AMEC performed a visual survey of the structure. The visual survey consisted of a walk-through to locate, inventory, and quantify materials suspected to contain asbestos (suspect materials). Suspect materials were grouped for sampling based on the homogeneous nature of the suspect material. A homogeneous material is one that appears to be uniform in texture and color, and appears to have been applied or installed during the same general time period.

Following the visual survey, representative bulk samples were collected of homogeneous suspect materials. The sample locations were generally chosen at random. A total of 75 samples were collected from the subject property.

The samples were submitted to AMEC's National Voluntary Laboratory Accreditation (NVLAP Lab Number 101066-0) accredited laboratory in Atlanta, Georgia for analysis by Polarized Light Microscopy (PLM) in

accordance with EPA document 600/R-93/116, "Method for the Determination of Asbestos in Bulk Building Materials." The laboratory results of the PLM analyses are presented in Appendix B. Evidence of NVLAP accreditation is provided in Appendix A. A summary of the suspect ACM located during our survey are provided in Table 1.

TABLE 1 - SUMMARY OF SUSPECT ASBESTOS CONTAINING MATERIALS LOCATED

<i>Asbestos-Containing Material</i>	<i>Sample Results</i>
Wallboard	No Asbestos Detected
Joint Compound	No Asbestos Detected
Tan Covebase and Mastic	No Asbestos Detected
12" x 12" Beige Mottled Floor Tile	No Asbestos Detected
12" x 12" Tan with Multi-Colored Streaks Floor Tile	No Asbestos Detected
Carpet Mastic	No Asbestos Detected
Grey Covebase and Mastic	No Asbestos Detected
12" x 12" Beige with Brown Specks Floor Tile – Older	No Asbestos Detected
2' x 4' Ceiling Tile – Pindot Fissure	No Asbestos Detected
Textured Surfacing	No Asbestos Detected
Green Covebase and Mastic	No Asbestos Detected
Duct Tape	No Asbestos Detected
Black Covebase and Mastic	No Asbestos Detected
Brown Covebase and Mastic	No Asbestos Detected
Cementitious Pipe Insulation	25 percent Chrysotile Asbestos 10 percent Crocidolite Asbestos
Window Glazing	No Asbestos Detected
2' x 4' Ceiling Tile – Pindot Small Fissure	No Asbestos Detected
2' x 4' Ceiling Tile – Pindot Long Fissure	No Asbestos Detected
Plaster	No Asbestos Detected
9" x 9" Green Multi-Colored Streaks Floor Tile	5 percent Chrysotile Asbestos Tile
9" x 9" Brown Floor Tile and Black Mastic	5 percent Chrysotile Asbestos Tile 5 percent Chrysotile Asbestos Mastic
12" x 12" Beige with Brown Specks Floor Tile – Newer and Black Mastic	No Asbestos Detected in Tile 5 percent Chrysotile Asbestos Mastic
Dark Brown Covebase and Mastic	No Asbestos Detected
Ceiling Insulation	No Asbestos Detected
Popcorn Acoustical Spray Finish	No Asbestos Detected
12" x 12" Tan Floor Tile	No Asbestos Detected
12" x 12" Brown Designed Floor Tile and Black Mastic	3 percent Chrysotile Asbestos Tile 5 percent Chrysotile Asbestos Mastic
Grey Exterior Tape	No Asbestos Detected
Roofing System Components	Assumed ACM

Findings

The following asbestos-containing materials were located in the subject facility:

Cementitious Pipe Insulation – Cementitious asbestos-containing pipe/flue is currently categorized as Category II non-friable asbestos-containing material by EPA NESHAP. Approximately 20 linear feet of this material was observed to be associated with the flue of the water heater and furnace. This material was observed in mechanical areas and chases. Additional quantities of this material should be assumed to also be present in wall cavities.

Floor Tile and Adhesives – This material is currently categorized as Category I non-friable asbestos-containing materials by EPA NESHAP. Approximately 1,200 square feet of these materials were observed. These materials were observed to be present as multiple layers beneath finish flooring (on concrete substrate) on the second floor. Based on these findings, all flooring and associated mastics and adhesives present within the planned renovation areas within the second floor of the subject building should be considered asbestos-containing.

SCREENING FOR LEADED PAINT

AMEC's (formerly MACTEC) scope of work included a screening for leaded paint of predominate paint coatings from accessible surfaces within the facility. Paint chip samples were collected from various accessible interior and exterior building components for analysis to evaluate lead content. Our screening effort resulted in the collection and analyses of 30 paint chip samples.

The samples were collected from the components by removing a representative sample of the coating from the components until the substrate was visible. The paint chip samples were submitted to XENCO (XENCO) laboratories in Norcross, Georgia for analysis utilizing Inductively Coupled Plasma-Atomic Emission Spectroscopy using the U.S. EPA method SW-846 6010C. The XENCO analytical report is included in Appendix C. The painted components sampled, along with corresponding lead content (percent by weight), are summarized in Table 2 - Lead Paint Chip Sample Summary.

TABLE 2 - LEAD PAINT CHIP SAMPLE SUMMARY

<i>Sample ID#</i>	<i>Surface Paint Color</i>	<i>Substrate</i>	<i>Component</i>	<i>Percent Lead by Weight</i>
6122-11-0019.01	White	Metal	Door	0.209
6122-11-0019.02	White	Metal	Pipe	0.0512
6122-11-0019.03	White	Concrete	Wall	Analyte Not Detected
6122-11-0019.04	White	Brick	Wall	Analyte Not Detected
6122-11-0019.05	White	Wood	Wall	Analyte Not Detected
6122-11-0019.06	White	Wood	Door	0.244
6122-11-0019.07	Beige	Concrete	Wall	Analyte Not Detected
6122-11-0019.08	Beige	Concrete	Floor	0.00370

<i>Sample ID#</i>	<i>Surface Paint Color</i>	<i>Substrate</i>	<i>Component</i>	<i>Percent Lead by Weight</i>
6122-11-0019.09	Beige	Metal	Door	0.00627
6122-11-0019.10	Beige	Wood	Wall	Analyte Not Detected
6122-11-0019.11	Beige	Brick	Wall	0.00381
6122-11-0019.12	Black	Metal	Handrail	21.8
6122-11-0019.13	Black	Metal	Pipe	0.286
6122-11-0019.14	White	Metal	Window	0.247
6122-11-0019.15	Purple	Metal	Door	0.0293
6122-11-0019.16	Purple	Wood	Door	0.136
6122-11-0019.17	Light Brown	Metal	Window	0.691
6122-11-0019.18	Burgundy	Concrete	Floor	0.0524
6122-11-0019.19	Light Brown	Concrete	Floor	Analyte Not Detected
6122-11-0019.20	White	Concrete	Ceiling	0.0703
6122-11-0019.21	Beige	Concrete	Ceiling	Analyte Not Detected
6122-11-0019.22	Green	Metal	Stairs	0.494
6122-11-0019.23	Green	Wood	Door	0.0335
6122-11-0019.24	Yellow	Concrete	Stairs	Analyte Not Detected
6122-11-0019.25	Black	Metal	Door	0.0112
6122-11-0019.26	Beige	Metal	Pipe	1.45
6122-11-0019.27	Blue	Concrete	Wall	Analyte Not Detected
6122-11-0019.28	Blue	Plastic	Pipe	Analyte Not Detected
6122-11-0019.29	Yellow	Concrete	Wall	Analyte Not Detected
6122-11-0019.30	Red	Concrete	Wall	0.0131

The screening for lead in paint was performed with the understanding that this building is not currently and will not in the future be occupied by children. The survey does not meet US Department of Housing and Urban Development (HUD) guidelines and was not intended for that purpose. The purpose of the screening for lead paint was to provide data to the building owner for notification purposes to individuals and companies working at the facility.

CONCLUSIONS AND RECOMMENDATIONS

Based on our site observations, sampling, and analysis, we offer the following conclusions and recommendations:

Asbestos Survey

AMEC has performed an asbestos survey of the subject building that meets the US EPA NESHAP inspection requirements. The survey located asbestos-containing materials. The survey scope of work did not include the evaluation and sampling of the roofing system. Suspect asbestos-containing roofing materials should be assumed to contain asbestos until an appropriate evaluation is performed by an accredited asbestos building inspector.

It is the Building Owner's responsibility to inform contractors of the known or suspected hazardous or potentially hazardous materials that may be impacted during renovation or demolition. As such, the construction designer, contractor, and all other parties performing work at the subject property should be informed of the asbestos survey results.

Current OSHA, EPA-NESHAP, and Georgia Environmental Protection Division (GA-EPD) Regulations require that ACM be removed and properly disposed of prior to demolition or renovation activities that disturb ACM. NESHAP and GA-EPD Regulations also require a notification to be submitted 10 working days prior to any demolition project, regardless of the presence or absence of ACM. NESHAP defines demolition as the wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning of any facility.

The OSHA Construction Standard and the EPA-NESHAP require that contractors have a "competent person" on site to identify and properly address unreported suspect asbestos that is discovered during renovation or demolition. Current GA-EPD regulations require that all ACM be disposed of in landfills approved to accept asbestos waste and that proper waste manifest documentation be prepared and maintained.

We recommend that the asbestos-containing materials be removed and disposed of prior to disturbance during the anticipated demolition/renovation efforts. The ACM removal efforts should be performed by a qualified and licensed asbestos abatement contractor under controlled conditions. Although not required by Federal or State regulation, we recommend that the abatement be designed and monitored by a qualified asbestos consulting firm, not retained by the abatement contractor, to represent the building owner's interest. ACM left in place should not be disturbed. In the event portions of the facility become occupied, ACM left in place should be appropriately managed in an Asbestos Operations and Maintenance Program.

It is our understanding that the subject building or portions thereof may be used in the future as a school. As such, specific AHERA requirements will apply for the portions of the facility that will function as a school. We recommend that an AHERA-accredited asbestos management planner and an AHERA-accredited asbestos project designer be utilized to support the required asbestos removal prior to demolition/renovation. We recommend that, at a minimum, requirements for the project outline the findings of our survey and require the contractor to properly address unreported asbestos-containing materials that may be discovered. Additional AHERA requirements will be applicable in the event the building or some portion thereof will be used as a school. Such requirements will be dependent on the extent of renovation and ACM that is to remain in-place.

Prior to disturbing any equipment with potentially concealed suspect ACM, AMEC recommends that an accredited asbestos inspector evaluate the material and equipment for the presence of suspect ACM. If suspect ACM is located, representative bulk samples should be collected and appropriately analyzed to evaluate for asbestos. To access the internal components of the equipment it may be necessary to perform this evaluation as the equipment is being dismantled.

Although our asbestos survey efforts attempted to locate suspect ACM present within the subject building, it is possible that additional suspect ACM or additional quantities of confirmed ACM may be present. Should suspect materials in addition to those reported herein be uncovered, AMEC recommends that work activities be immediately halted until the materials can be sampled and analyzed to confirm or rebut the presence of asbestos. Should an additional quantity of ACM reported herein be uncovered, AMEC recommends that work activities be immediately halted until the extent of the location of the material and a revised quantity can be determined. In the event that vermiculite or other interior fill material is found during renovation or demolition activities, the work should be immediately halted until appropriate sampling and analyses can be performed and an appropriate evaluation conducted.

It is important to note that this report is not intended to replace a design for asbestos abatement prior to renovation and should not be used without a properly designed asbestos abatement specification to obtain bids for asbestos abatement. The quantities contained in this report are estimates and should be field verified by contractors before bidding.

Screening for Leaded Paint

There are no current regulations that require the painted coatings containing lead be removed. Issues associated with demolition of components coated with lead-containing paint include the protection of workers during the renovation and/or demolition work efforts, and the subsequent disposal of waste. Currently, in Georgia, OSHA regulations govern the protection of workers performing work impacting lead. As such, the requirements of the OSHA Lead in Construction standard (29 CFR 1926.62) should be followed when surfaces containing detectable concentrations of lead are disturbed.

The current 29 CFR 1926.62 addresses an employee's exposure to airborne levels of lead, rather than the level of lead in a particular coating. Accordingly, identifying levels of lead in a paint coating can only give an indication of potential exposure with regard to this OSHA regulation. OSHA requires that personnel who are involved in the construction (renovation/demolition) activities associated with coating containing any detectable concentration of lead to be monitored by a "Competent Person" to establish engineering controls and potentially a negative initial determination of lead exposure. The contractor selected to perform demolition/ renovation should be informed of the lead content within the associated coatings. The contractor will be responsible for the protection of their employees and complying with existing applicable OSHA regulations.

Under the EPA's Resource Conservation and Recovery Act (RCRA) regulation, the generation of hazardous waste streams and potentially hazardous waste must be characterized regarding its corrosivity, ignitability, reactivity, and toxicity. Toxicity of waste streams must be determined by representative sampling and analysis in accordance with Toxic Characteristic Leaching Procedure (TCLP) methods. Waste that is determined to be hazardous through TCLP analysis must be handled, transported, and disposed of properly. Characterization of the waste stream generated by a specific project is dependent on the materials affected and the efforts performed during the renovation.

Based on our site observations, sampling, and analysis, we offer the following conclusions and recommendations:

Detectable concentrations of lead were reported in samples of paint collected during the screening. OSHA Interim Final Lead in Construction Standard 29 CFR 1926.62 specifies exposure monitoring and worker protection for personnel whose job activities require disturbance of these coatings.

AMEC recommends that requirements for demolition/renovation outline the findings in this report and require the contractor to comply with applicable OSHA, USEPA, and GA-EPD regulations. AMEC further recommends that when removal and disposal of painted components is necessary, removal should be done to the extent possible with the paint intact and minimize sanding, scraping, cutting, or torch burning the lead-containing paints. Disposal should be performed in accordance with Federal, State and local regulations applicable for the waste stream. When the contractor performing the renovation elects to recycle metal components with lead-containing coatings, the components should be intact and not deteriorated. Additionally, the recycler should be notified of the lead content (and all known hazardous substances) associated with the recycled component. Lead safe work practices should be used when working on or around lead-containing coatings.

It is our understanding that the subject building or portions thereof may be used in the future as a Child Occupied Facility. As such, specific HUD requirements will apply for the portions of the facility that will be occupied by children. We recommend that an EPA-accredited lead project designer incorporate lead-safe work procedures into the technical specifications to support the renovation project. This will also allow incorporation of HUD requirements for Child Occupied Facilities. Should leaded coatings remain in the facility, AMEC recommends that a lead assessment of the facility be performed prior to occupancy.

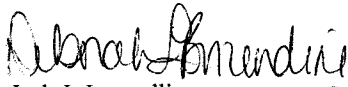
AMEC recommends that waste determination be performed as necessary to fully characterize the waste after the final renovation plans have been established, which would include re-use, reclamation, or recycling of building components/materials.

While AMEC made reasonable efforts to access suspect lead coatings that could be present in the building, additional coatings may be present in areas that were not accessed during our site work.

We appreciate the opportunity to provide these consulting services. Should questions arise concerning this report or if we may be of further service please call us.

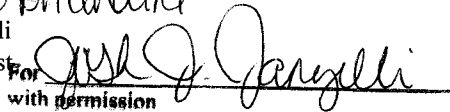
Sincerely,

AMEC E&I, Inc.



Josh J. Januzelli

Project Scientist


with permission

Tod A. Dawson

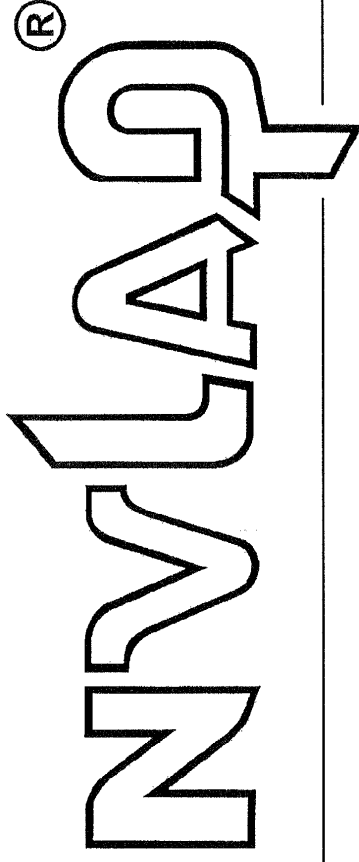
Principal Scientist

- Appendix A: Evidence of Accreditation for Asbestos Inspector and NVLAP Laboratory
- Appendix B: Laboratory Results of Analysis of Bulk Material Samples for the Presence of Asbestos
- Appendix C: Laboratory Results of Analysis of Paint Chip Samples

APPENDIX A

EVIDENCE OF ACCREDITATION FOR ASBESTOS INSPECTOR AND NVLAP LABORATORY

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101066-0

AMEC E&I, Inc.
Atlanta, GA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2011-04-01 through 2012-03-31

Effective dates



Dolly S. Bruce
For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AMEC E&I, Inc.
396 Plasters Avenue, N.E.
Atlanta, GA 30324
Mr. Christopher DuBour
Phone: 404-817-0216 Fax: 404-817-0221
E-Mail: cdubour@mactec.com

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101066-0

Scope Revised: 2011-07-15

NVLAP Code Designation / Description

18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
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2011-04-01 through 2012-03-31

Effective dates


For the National Institute of Standards and Technology

The Environmental Institute

Josh Januzelli

Social Security Number - XXX-XX-8870

Mactec Engineering & Consulting - 396 Plasters Avenue - Atlanta, Georgia 30324

*Has completed coursework and satisfactorily passed
an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Reaccreditation*

Asbestos in Buildings: Inspector Refresher

February 25, 2011

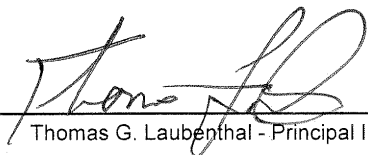
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February 25, 2011

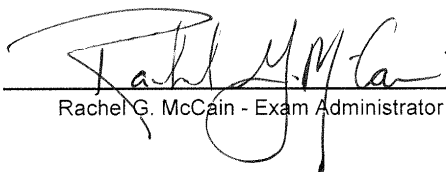
Examination Date

February 24, 2012

Expiration Date



Thomas G. Laubenthal - Principal Instructor

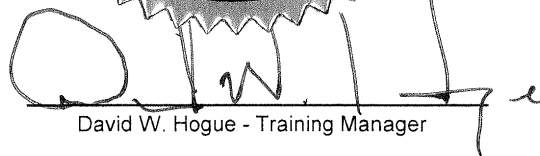


Rachel G. McCain - Exam Administrator

12420

Certificate Number





David W. Hogue - Training Manager

(Approved by the ABIH Certification Maintenance Committee for 1/2 CM point)

(American Council for Accredited Certification - Re-certification Credit Registration #10072802)

(Florida Provider Registration Number 0001342 - Course #0002805)

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The Environmental Institute

Chris DuBour

Social Security Number - XXX-XX-4598

Mactec Engineering & Consulting - 396 Plasters Avenue - Atlanta, Georgia 30324

*Has completed coursework and satisfactorily passed
an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Reaccreditation*

Asbestos in Buildings: Inspector Refresher

November 19, 2010

Course Date

12278

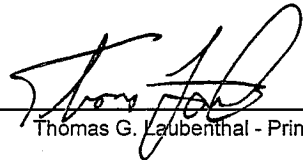
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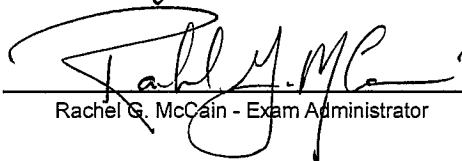
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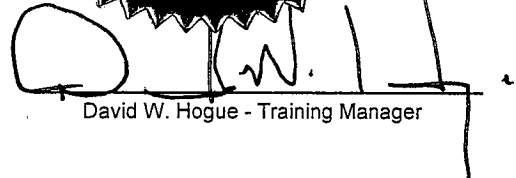
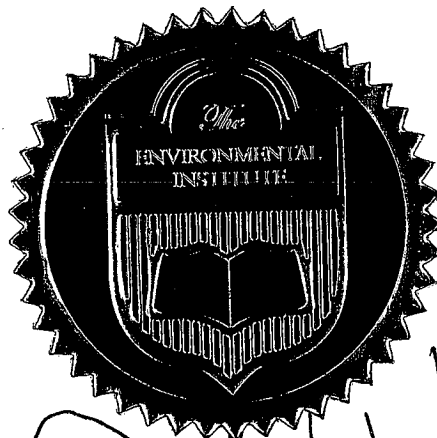
Expiration Date



Thomas G. Laubenthal - Principal Instructor



Rachel G. McCain - Exam Administrator



David W. Hogue - Training Manager

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TEI - 1841 West Oak Parkway, Suite F - Marietta, Georgia 30062 - (770) 427-3600 - www.tei-atl.com

APPENDIX B

LABORATORY RESULTS OF ANALYSIS OF BULK MATERIAL SAMPLES FOR THE PRESENCE OF ASBESTOS

222657-222731



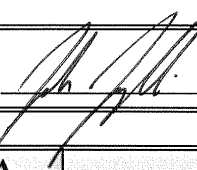
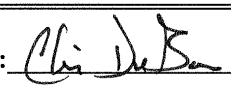
Page 1 of 4

 396 Plasters Avenue, Atlanta, GA 30324
 404-873-4761

Total # of Samples: 75

Asbestos Sample Chain of Custody

Project Name: 400 Northside Drive Date Collected: 07 / 18 / 11
 Project No.: 6121-11-0019 Task: 03.7 SubTask: Date Results Needed: 07 / 19 / 11
 Test Method ☒ EPA/600/R-93/116 (1993) ☐ Other Total Fee Amount Authorized: \$
 Special Instructions: ☐ Check here for Positive Stop
 Sampler Name: Josh Januzelli Sampler's Signature
 Need Results Transmitted As Follows: ☐ Verbal ☐ By Fax ☒ By E-Mail ☐ By Overnight Delivery
 Transmit Results To The Attention Of: Josh Januzelli
 Facsimile Number: Address:

 Relinquished By:  Date/Time: Received By:  Date/Time: 7/27/11

Sample No.	HA No.	General Description of Material Sampled	Approximate Sample Location
01	01	Wallboard – 1 st Floor	Northwest Portion of Showroom
02	01	Wallboard – 1 st Floor	North Portion of Showroom
03	01	Wallboard – 1 st Floor	South Showroom Office
04	02	Joint Compound – 1 st Floor	Northwest Portion of Showroom
05	02	Joint Compound – 1 st Floor	North Portion of Showroom
06	02	Joint Compound – 1 st Floor	South Showroom Office
07	03	Tan Covebase and Mastic	Southeast Portion of Showroom
08	03	Tan Covebase and Mastic	South Portion of Showroom
09	04	12" x 12" Beige Mottled Floor Tile	East Portion of Showroom
10	04	12" x 12" Beige Mottled Floor Tile	South Portion of Showroom
11	05	12" x 12" Tan with Multicolored Streaks Floor Tile	Northwest Portion of Showroom
12	05	12" x 12" Tan with Multicolored Streaks Floor Tile	West Portion of Showroom

(Use additional pages as necessary and securely attach to this sheet.)

⚡⚡TURN AROUND TIME⚡⚡

☐ PLM 24 Hour

☐ PLM 48 Hour

☒ PLM 3-10 Day

Sample No.	HA No.	General Description of Material Sampled	Approximate Sample Location
13	06	Carpet Mastic - Older	Northwest Showroom Office Area
14	06	Carpet Mastic - Older	North Showroom Office
15	07	Grey Covebase and Mastic	North Portion of Showroom
16	07	Grey Covebase and Mastic	North Showroom Office
17	08	12" x 12" Beige with Brown Specks Floor Tile - Older	Northwest Portion of Showroom
18	08	12" x 12" Beige with Brown Specks Floor Tile - Older	Northeast Portion of Showroom
19	09	Carpet Mastic - Newer	Southeast Showroom Office
20	09	Carpet Mastic - Newer	South Showroom Office
21	10	2' x 4' Ceiling Tile - Pindot Fissure - Older	Northeast Showroom Office
22	10	2' x 4' Ceiling Tile - Pindot Fissure - Older	North Showroom Office
23	11	Textured Surfacing	Northeast Showroom Office
24	11	Textured Surfacing	Northeast Showroom Office
25	11	Textured Surfacing	North Showroom Office
26	12	Green Covebase and Mastic	Northeast Showroom Office
27	12	Green Covebase and Mastic	North Showroom Office
28	13	Duct Tape	Northwest Mechanical Room
29	13	Duct Tape	Northwest Mechanical Room
30	14	Black Covebase and Mastic	Northwest Portion of Showroom
31	14	Black Covebase and Mastic	Northwest Portion of Showroom
32	15	Brown Covebase and Mastic	Northwest Portion of Showroom
33	15	Brown Covebase and Mastic	Northwest Portion of Showroom
34	16	Cementitious Pipe Insulation	Northwest Mechanical Room
35	16	Cementitious Pipe Insulation	Northwest Mechanical Room
36	17	Window Glazing	Southwest Portion of Showroom

(Securely attach to page 1.)

Sample No.	HA No.	General Description of Material Sampled	Approximate Sample Location
37	17	Window Glazing	Northwest Portion of Showroom
38	18	2' x 4' Ceiling Tile – Pindot Small Fissure	Northwest Common Area of 2 nd Floor
39	18	2' x 4' Ceiling Tile – Pindot Small Fissure	East Portion of 2 nd Floor
40	19	Wallboard – 2 nd Floor	Northwest Common Area of 2 nd Floor
41	19	Wallboard – 2 nd Floor	North Office Area of 2 nd Floor
42	19	Wallboard – 2 nd Floor	Southeast Office Area of 2 nd Floor
43	20	Joint Compound – 2 nd Floor	Northwest Common Area of 2 nd Floor
44	20	Joint Compound – 2 nd Floor	North Office Area of 2 nd Floor
45	20	Joint Compound – 2 nd Floor	South Office Area of 2 nd Floor
46	21	2' x 4' Ceiling Tile – Pindot Long Fissure	North Office Area of 2 nd Floor
47	21	2' x 4' Ceiling Tile – Pindot Long Fissure	North Office Area of 2 nd Floor
48	22	2' x 4' Ceiling Tile – Pindot Fissure - Newer	Northeast Office Area of 2 nd Floor
49	22	2' x 4' Ceiling Tile – Pindot Fissure - Newer	Northeast Office Area of 2 nd Floor
50	23	Plaster	North Office Area of 2 nd Floor
51	23	Plaster	North Office Area of 2 nd Floor
52	23	Plaster	Northwest Office Area of 2 nd Floor
53	24	9" x 9" Green with Multi-color Streaks Floor Tile	North Office Area Hallway of 2 nd Floor
54	24	9" x 9" Green with Multi-color Streaks Floor Tile	North Office Area Hallway of 2 nd Floor
55	25	9" x 9" Brown Floor Tile	North Office Area Hallway Closet of 2 nd Floor
56	25	9" x 9" Brown Floor Tile	North Office Area Hallway Closet of 2 nd Floor
57	26	12" x 12" Beige with Brown Specks Floor Tile - Newer	East Portion of 2 nd Floor
58	26	12" x 12" Beige with Brown Specks Floor Tile - Newer	East Portion of 2 nd Floor
59	27	Dark Brown Covebase and Mastic - Older	East Portion of 2 nd Floor
60	27	Dark Brown Covebase and Mastic - Older	East Portion of 2 nd Floor

(Securely attach to page 1.)

Sample No.	HA No.	General Description of Material Sampled	Approximate Sample Location
61	28	Ceiling Insulation	2 nd Floor South Admin
62	28	Ceiling Insulation	2 nd Floor South Admin
63	29	Popcorn Acoustical Spray Finish – 2 nd Floor	2 nd Floor South Admin
64	29	Popcorn Acoustical Spray Finish – 2 nd Floor	2 nd Floor South Admin
65	29	Popcorn Acoustical Spray Finish – 2 nd Floor	2 nd Floor South Admin
66	30	12" x 12" Tan Floor Tile	Southwest Mezzanine Office Catwalk
67	30	12" x 12" Tan Floor Tile	Southwest Mezzanine Office Catwalk
68	31	2' x 4' Ceiling Tile – Pindot Small Fissure	Southwest Mezzanine Office
69	31	2' x 4' Ceiling Tile – Pindot Small Fissure	Southwest Mezzanine Office
70	32	Dark Brown Covebase and Mastic - Newer	Southwest Mezzanine Office
71	32	Dark Brown Covebase and Mastic - Newer	Southwest Mezzanine Office
72	33	12" x 12" Brown Designed Floor Tile	Southwest Mezzanine Office
73	33	12" x 12" Brown Designed Floor Tile	Southwest Mezzanine Office
74	34	Grey Exterior Tape	West Loading Dock
75	34	Grey Exterior Tape	West Loading Dock

(Securely attach to page 1.)

PLM REPORT SUMMARY

AMEC E&I, Inc.

396 Plasters Ave. NE
Atlanta, GA 30324 (404) 873-4761

NVLAP Lab Code 101066-0
TDH License No. 30-0306

Client :	Amec - Atlanta, GA	AMEC Job No. : 6121-11-0019-03.7
Project :	400 Northside Drive	Report Date : 7/28/2011
Client Project No.:	N/A	Sample Date : 7/18/11
Identification :	Asbestos, Bulk Sample Analysis	
Test Method :	Polarized Light Microscopy / Dispersion Staining (PLM/DS) EPA Method 600/R-93/116	

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On 7/27/2011, seventy-five (75) bulk material samples were submitted by Josh Januzelli for asbestos analysis by PLM/DS.

Lab Sample No.	Sample Description / Location	Asbestos Content
222657	Wallboard - 1st Floor Northwest Portion of Showroom 01	None Detected-Wallboard
222658	Wallboard - 1st Floor Northwest Portion of Showroom 02	None Detected-Wallboard
222659	Wallboard - 1st Floor South Showroom Office 03	None Detected-Wallboard
222660	Joint Compound - 1st Floor Northwest Portion of Showroom 04	None Detected-Joint Compound
222661	Joint Compound - 1st Floor North Portion of Showroom 05	None Detected-Joint Compound
222662	Joint Compound - 1st Floor South Showroom Office 06	None Detected-Joint Compound
222663	Tan Covebase and Mastic Northwest Portion of Showroom 07	None Detected-Cove Base None Detected-Tan Mastic

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222664	Tan Covebase and Mastic South Portion of Showroom 08	None Detected-Cove Base None Detected-Tan Mastic
222665	12"x12" Beige Mottled Floor Tile East Portion of Showroom 09	None Detected-Floor Tile None Detected-Tan Mastic
222666	12"x12" Beige Mottled Floor Tile South Portion of Showroom 10	None Detected-Floor Tile None Detected-Tan Mastic
222667	12"x12" Tan with Multi Colored Streaks Floor Tile Northwest Portion of Showroom 11	None Detected-Floor Tile None Detected-Tan Mastic
222668	12"x12" Tan with Multi Colored Streaks Floor Tile West Portion of Showroom 12	None Detected-Floor Tile None Detected-Tan Mastic
222669	Carpet Mastic - Older Northwest Showroom Office Area 13	None Detected-Tan Mastic
222670	Carpet Mastic - Older North Showroom Office 14	None Detected-Tan Mastic

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222671	Grey Covebase and Mastic North Portion of Showroom 15	None Detected-Cove Base None Detected-Tan Mastic
222672	Grey Covebase and Mastic North Showroom Office 16	None Detected-Cove Base None Detected-Tan Mastic
222673	12"x12" Beige with Brown Specks Floor Tile - Older Northwest Portion of Showroom 17	None Detected-Floor Tile None Detected-Tan Mastic
222674	12"x12" Beige with Brown Specks Floor Tile - Older Northeast Portion of Showroom 18	None Detected-Floor Tile None Detected-Tan Mastic
222675	Carpet Mastic - Newer Southeast Showroom Office 19	None Detected-Tan Mastic
222676	Carpet Mastic - Newer South Showroom Office 20	None Detected-Tan Mastic
222677	2'x4' Ceiling Tile - Pindot Fissure - Older Northeast Showroom Office 21	None Detected-Ceiling Tile

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222678	2'x4' Ceiling Tile - Pindot Fissure - Older North Showroom Office 22	None Detected-Ceiling Tile
222679	Textured Surfacing Northeast Showroom Office 23	None Detected-Surfacing
222680	Textured Surfacing Northeast Showroom Office 24	None Detected-Surfacing Compound
222681	Textured Surfacing North Showroom Office 25	None Detected-Surfacing Compound
222682	Green Covebase and Mastic Northeast Showroom Office 26	None Detected-Cove Base None Detected-Tan Mastic
222683	Green Covebase and Mastic North Showroom Office 27	None Detected-Cove Base None Detected-Tan Mastic
222684	Duct Tape Northwest Mechanical Room 28	None Detected-Tape

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222685	Duct Tape Northwest Mechanical Room 29	None Detected-Tape
222686	Black Covebase and Mastic Northwest Portion of Showroom 30	None Detected-Cove Base None Detected-Mastic
222687	Black Covebase and Mastic Northwest Portion of Showroom 31	None Detected-Cove Base
222688	Brown Covebase and Mastic Northwest Portion of Showroom 32	None Detected-Cove Base
222689	Brown Covebase and Mastic Northwest Portion of Showroom 33	None Detected-Cove Base None Detected-Brown Mastic
222690	Cementitious Pipe Insulation Northwest Mechanical Room 34	15% Chrysotile-Cement Board 10% Crocidolite-Cement Board
222691	Cementitious Pipe Insulation Northwest Mechanical Room 35	25% Chrysotile-Cement Board 10% Crocidolite-Cement Board

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222692	Window Glazing Southwest Portion of Showroom 36	None Detected-Window Glazing
222693	Window Glazing Northwest Portion of Showroom 37	None Detected-Window Glazing
222694	2'x4' Ceiling Northwest Common Area of 2nd Floor 38	None Detected-Ceiling Tile
222695	2'x4' Ceiling East Portion of 2nd Floor 39	None Detected-Ceiling Tile
222696	Wallboard - 2nd Floor Northwest Common Area of 2nd Floor 40	None Detected-Wallboard
222697	Wallboard - 2nd Floor North Office Area of 2nd Floor 41	None Detected-Wallboard
222698	Wallboard - 2nd Floor Southeast Office Area of 2nd Floor 42	None Detected-Wallboard

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222699	Joint Compound - 2nd Floor Northwest Common Area of 2nd Floor 43	None Detected-Joint Compound
222700	Joint Compound - 2nd Floor North Office Area of 2nd Floor 44	None Detected-Joint Compound
222701	Joint Compound - 2nd Floor South Office Area of 2nd Floor 45	None Detected-Joint Compound
222702	2'x4' Ceiling Tile - Pindot Long Fissure North Office Area of 2nd Floor 46	None Detected-Ceiling Tile
222703	2'x4' Ceiling Tile - Pindot Long Fissure North Office Area of 2nd Floor 47	None Detected-Ceiling Tile
222704	2'x4' Ceiling Tile - Pindot Fissure - Newer Northeast Office Area of 2nd Floor 48	None Detected-Ceiling Tile
222705	2'x4' Ceiling Tile - Pindot Fissure - Newer Northeast Office Area of 2nd Floor 49	None Detected-Ceiling Tile

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222706	Plaster North Office Area of 2nd Floor 50	None Detected-Plaster
222707	Plaster North Office Area of 2nd Floor 51	None Detected-Plaster
222708	Plaster Northwest Office Area of 2nd Floor 52	None Detected-Plaster
222709	9"x9" Green with Multi Coloer Streaks Floor Tile North Office Area Hallway of 2nd Floor 53	5% Chrysotile-Floor Tile
222710	9"x9" Green with Multi Coloer Streaks Floor Tile North Office Area Hallway of 2nd Floor 54	5% Chrysotile-Floor Tile
222711	9"x9" Brown Floor Tile North Office Area Hallway Closet 2nd Floor 55	5% Chrysotile-Floor Tile 5% Chrysotile-Black Mastic
222712	9"x9" Brown Floor Tile North Office Area Hallway Closet 2nd Floor 56	3% Chrysotile-Floor Tile 5% Chrysotile-Black Mastic

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222713	12"x12" Beige with Brown Specks Floor Tile East Portion of 2nd Floor 57	None Detected-Floor Tile 5% Chrysotile-Black Mastic None Detected-Tan Mastic
222714	12"x12" Beige with Brown Specks Floor Tile East Portion of 2nd Floor 58	None Detected-Floor Tile 5% Chrysotile-Black Mastic None Detected-Tan Mastic
222715	Dark Brown Covebase and Mastic - Older East Portion of 2nd Floor 59	None Detected-Cove Base None Detected-Tan Mastic
222716	Dark Brown Covebase and Mastic - Older East Portion of 2nd Floor 60	None Detected-Cove Base None Detected-Tan Mastic
222717	Ceiling Insulation 2nd Floor South Admin. 61	None Detected-Insulation
222718	Ceiling Insulation 2nd Floor South Admin. 62	None Detected-Insulation
222719	Popcorn Acoustical Spray Finish - 2nd Floor 2nd Floor South Admin. 63	None Detected-Ceiling Treatment

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222720	Popcorn Acoustical Spray Finish - 2nd Floor 2nd Floor South Admin. 64	None Detected-Ceiling Treatment
222721	Popcorn Acoustical Spray Finish - 2nd Floor 2nd Floor South Admin. 65	None Detected-Ceiling Treatment
222722	12"x12" Tan Floor Tile Southwest Mezzanine Office Catwalk 66	None Detected-Floor Tile None Detected-Tan Mastic
222723	12"x12" Tan Floor Tile Southwest Mezzanine Office Catwalk 67	None Detected-Floor Tile None Detected-Tan Mastic
222724	2'x4' Ceiling Tile - Pindot Small Fissure Southwest Mezzanine Office 68	None Detected-Ceiling Tile
222725	2'x4' Ceiling Tile - Pindot Small Fissure Southwest Mezzanine Office 69	None Detected-Ceiling Tile
222726	Dark Brown Covebase and Mastic - Newer Southwest Mezzanine Office 70	None Detected-Cove Base None Detected-Brown Mastic

These samples were analyzed by layers. The first percentage is the overall asbestos content for the sample. Specific layer or component asbestos content is indicated when relevant. The EPA considers a material to be asbestos containing only if it contains more than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also state that Regulated Asbestos Containing Materials (RACM) -- materials which are friable or may become friable -- be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. Our laboratory utilizes CVAE on a routine basis and does not include point counting unless specifically requested. These reports may not be reproduced except in full. Any unauthorized use or distribution of these reports shall be at the client's and recipient's sole risk and without liability to AMEC E&I, Inc.

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Lab Sample No.	Sample Description / Location	Asbestos Content
222727	Dark Brown Covebase and Mastic - Newer Southwest Mezzanine Office 71	None Detected-Cove Base None Detected-Brown Mastic
222728	12"x12" Brown Designed Floor Tile Southwest Mezzanine Office 72	3% Chrysotile-Floor Tile 5% Chrysotile-Black Mastic
222729	12"x12" Brown Designed Floor Tile Southwest Mezzanine Office 73	3% Chrysotile-Floor Tile 5% Chrysotile-Black Mastic
222730	Grey Exterior Tape West Loading Dock 74	None Detected-Tape
222731	Grey Exterior Tape West Loading Dock 75	None Detected-Tape

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Client Project No.: N/A

Sample Date : 7/18/11

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600/R-93/116

Page 12 of 12

STATEMENT OF LABORATORY ACCREDITATION

These samples were analyzed at the Atlanta Branch of AMEC E&I, Inc. in the Asbestos Laboratory at 396 Plasters Ave. NE, Atlanta, GA, 30324. The laboratory holds accreditation from the National Institute of Standards and Technology (formerly National Bureau of Standards) under the National Voluntary Laboratory Accreditation Program (NVLAP). This laboratory also is licensed and authorized to perform as an Asbestos Laboratory in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a, as amended, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

The samples were analyzed by polarized light microscopy in general accordance with the procedures described in the Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116. The results of each bulk sample analysis relate only to the material tested. This report shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Specific questions concerning bulk sample results shall be directed to the PLM Laboratory Manager.

Analyst : Chris DuBour

PLM Laboratory Manager : Christopher DuBour

Approved Signatory :



APPENDIX C

LABORATORY RESULTS OF ANALYSIS OF PAINT CHIP SAMPLES

Analytical Report 423952

for
AMEC E&I, Inc.

Project Manager: Josh Januzelli

400 Northside Drive

6122-11-0019 Task 037

27-JUL-11

Collected By: Client



Florida Testing Services, LLC

Celebrating 20 Years of commitment to excellence in Environmental Testing Services



6017 Financial Dr., Norcross, GA 30071

Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

27-JUL-11

Project Manager: **Josh Januzelli**

AMEC E&I, Inc.

396 Plasters Avenue

Atlanta, GA 30324

Reference: XENCO Report No: **423952**

400 Northside Drive

Project Address: Atlanta, GA

Josh Januzelli:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 423952. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 423952 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,



David C. Fuller

Client Services Director

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 423952



AMEC E&I, Inc., Atlanta, GA

400 Northside Drive

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
6122-11-0019.01	S	07-19-11 16:00		423952-001
6122-11-0019.02	S	07-19-11 16:00		423952-002
6122-11-0019.03	S	07-19-11 16:00		423952-003
6122-11-0019.04	S	07-19-11 16:00		423952-004
6122-11-0019.05	S	07-19-11 16:00		423952-005
6122-11-0019.06	S	07-19-11 16:00		423952-006
6122-11-0019.07	S	07-19-11 16:00		423952-007
6122-11-0019.08	S	07-19-11 16:00		423952-008
6122-11-0019.09	S	07-19-11 16:00		423952-009
6122-11-0019.10	S	07-19-11 16:00		423952-010
6122-11-0019.11	S	07-19-11 16:00		423952-011
6122-11-0019.12	S	07-19-11 16:00		423952-012
6122-11-0019.13	S	07-19-11 16:00		423952-013
6122-11-0019.14	S	07-19-11 16:00		423952-014
6122-11-0019.15	S	07-19-11 16:00		423952-015
6122-11-0019.16	S	07-19-11 16:00		423952-016
6122-11-0019.17	S	07-19-11 16:00		423952-017
6122-11-0019.18	S	07-19-11 16:00		423952-018
6122-11-0019.19	S	07-19-11 16:00		423952-019
6122-11-0019.20	S	07-19-11 16:00		423952-020
6122-11-0019.21	S	07-19-11 16:00		423952-021
6122-11-0019.22	S	07-19-11 16:00		423952-022
6122-11-0019.23	S	07-19-11 16:00		423952-023
6122-11-0019.24	S	07-19-11 16:00		423952-024
6122-11-0019.25	S	07-19-11 16:00		423952-025
6122-11-0019.26	S	07-19-11 16:00		423952-026
6122-11-0019.27	S	07-19-11 16:00		423952-027
6122-11-0019.28	S	07-19-11 16:00		423952-028
6122-11-0019.29	S	07-19-11 16:00		423952-029
6122-11-0019.30	S	07-19-11 16:00		423952-030



CASE NARRATIVE

Client Name: AMEC E&I, Inc.
Project Name: 400 Northside Drive



Project ID: 6122-11-0019 Task 037
Work Order Number: 423952

Report Date: 27-JUL-11
Date Received: 07/22/2011

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-865124 Select Metals by SW-846 6010C

Lead recovered below QC limits in the Matrix Spike. Samples possibly affected are: 423952-026, -030, -028, -025, -027, -022, -021, -023, -024, -029. The Laboratory Control Sample for Lead is within laboratory Control Limits.

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.01		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-001		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.209	0.00294	0.000164	%	07/25/11 15:46		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.02		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-002		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.0512	0.00333	0.000186	%	07/25/11 15:51		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.03			Matrix: Paint Chips			Date Received: Jul-22-11 08:55		
Lab Sample Id: 423952-003			Date Collected: Jul-19-11 16:00					
Analytical Method: Select Metals by SW-846 6010C						Prep Method: SW3050B		
Tech: ABA						% Moisture:		
Analyst: 4150			Date Prep: Jul-22-11 13:47			Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00278	0.000155	%	07/25/11 15:53	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.04		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-004		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00500	0.000279	%	07/25/11 15:55	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.05		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-005		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00833	0.000465	%	07/25/11 15:57	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.06		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-006		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 13:47			Basis: Wet Weight			
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.244	0.00455	0.000254	%	07/25/11 16:02		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.07		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-007		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00313	0.000174	%	07/25/11 16:04	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.08		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-008		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.00370	0.00313	0.000174	%	07/25/11 16:07		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.09		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-009		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.00627	0.00294	0.000164	%	07/25/11 16:09		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.10		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-010		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00455	0.000254	%	07/25/11 16:10	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.11		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-011		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 13:47			Basis: Wet Weight			
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.00381	0.00192	0.000107	%	07/25/11 16:13		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.12		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-012		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	21.8	0.125	0.00698	%	07/25/11 17:30	D	20

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.13		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-013		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.286	0.0500	0.00279	%	07/25/11 16:17		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.14		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-014		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 13:47			Basis: Wet Weight			
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.247	0.00417	0.000233	%	07/25/11 16:19		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.15		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-015		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 13:47			Basis: Wet Weight			
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.0293	0.00313	0.000174	%	07/25/11 16:21		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.16		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-016		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 13:47			Basis: Wet Weight			
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.136	0.00417	0.000233	%	07/25/11 16:27		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.17		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-017		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 13:47			Basis: Wet Weight			
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.691	0.00238	0.000133	%	07/25/11 16:29		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.18		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-018		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.0524	0.0167	0.000930	%	07/25/11 16:31		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.19		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-019		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 13:47				Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.0125	0.000698	%	07/25/11 16:33	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.20			Matrix: Paint Chips			Date Received: Jul-22-11 08:55		
Lab Sample Id: 423952-020			Date Collected: Jul-19-11 16:00					
Analytical Method: Select Metals by SW-846 6010C						Prep Method: SW3050B		
Tech: ABA						% Moisture:		
Analyst: 4150			Date Prep: Jul-22-11 13:47			Basis: Wet Weight		
Seq Number: 865274								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.0703	0.00294	0.000164	%	07/25/11 16:35		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.21			Matrix: Paint Chips			Date Received: Jul-22-11 08:55		
Lab Sample Id: 423952-021			Date Collected: Jul-19-11 16:00					
Analytical Method: Select Metals by SW-846 6010C						Prep Method: SW3050B		
Tech: ABA						% Moisture:		
Analyst: 4150			Date Prep: Jul-22-11 12:56			Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00455	0.000254	%	07/25/11 12:51	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.22		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-022		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 12:56				Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.494	0.00385	0.000215	%	07/25/11 12:53		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.23		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-023		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 12:56				Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.0335	0.00185	0.000103	%	07/25/11 12:59		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.24		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-024		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 12:56				Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00714	0.000399	%	07/25/11 13:01	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.25		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-025		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 12:56			Basis: Wet Weight			
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.0112	0.000704	0.0000393	%	07/25/11 13:02		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.26		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-026		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C					Prep Method: SW3050B			
Tech: ABA					% Moisture:			
Analyst: 4150		Date Prep: Jul-22-11 12:56			Basis: Wet Weight			
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	1.45	0.00833	0.000465	%	07/25/11 13:05		1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.27		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-027		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 12:56				Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.00556	0.000310	%	07/25/11 13:06	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.28			Matrix: Paint Chips			Date Received: Jul-22-11 08:55		
Lab Sample Id: 423952-028			Date Collected: Jul-19-11 16:00					
Analytical Method: Select Metals by SW-846 6010C						Prep Method: SW3050B		
Tech: ABA						% Moisture:		
Analyst: 4150			Date Prep: Jul-22-11 12:56			Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.0500	0.00279	%	07/25/11 13:08	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.29		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-029		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 12:56				Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	U	0.0100	0.000558	%	07/25/11 13:10	U	1

Project: 400 Northside Drive

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Sample Id: 6122-11-0019.30		Matrix: Paint Chips			Date Received: Jul-22-11 08:55			
Lab Sample Id: 423952-030		Date Collected: Jul-19-11 16:00						
Analytical Method: Select Metals by SW-846 6010C		Prep Method: SW3050B						
Tech: ABA		% Moisture:						
Analyst: 4150		Date Prep: Jul-22-11 12:56				Basis: Wet Weight		
Seq Number: 865124								
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Lead	7439-92-1	0.0131	0.00556	0.000310	%	07/25/11 13:12		1

Project: 400 Northside Drive

Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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 9701 Harry Hines Blvd , Dallas, TX 75220
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 2505 North Falkenburg Rd, Tampa, FL 33619
 5757 NW 158th St, Miami Lakes, FL 33014
 12600 West I-20 East, Odessa, TX 79765
 6017 Financial Drive, Norcross, GA 30071
 3725 E. Atlanta Ave, Phoenix, AZ 85040

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	

AMEC E&I, Inc., Atlanta, GA
400 Northside Drive

Analytical Method: Select Metals by SW-846 6010C

Seq Number: 865124

Matrix: Solid

Prep Method: SW3050B

Date Prep: 07/22/2011

MB Sample Id: 608540-1-BLK

LCS Sample Id: 608540-1-BKS

LCSD Sample Id: 608540-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Lead	<0.0000279	100	0.00876	88	0.00882	88	80-120	1	20	%	07/25/11 12:16	

Analytical Method: Select Metals by SW-846 6010C

Seq Number: 865274

Matrix: Solid

Prep Method: SW3050B

Date Prep: 07/22/2011

MB Sample Id: 608548-1-BLK

LCS Sample Id: 608548-1-BKS

LCSD Sample Id: 608548-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Lead	<0.0000279	100	0.00846	85	0.00868	87	80-120	3	20	%	07/25/11 15:42	

Analytical Method: Select Metals by SW-846 6010C

Seq Number: 865124

Matrix: Soil

Prep Method: SW3050B

Date Prep: 07/22/2011

Parent Sample Id: 423970-010

MS Sample Id: 423970-010 S

MSD Sample Id: 423970-010 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Lead	0.0375	118	0.0466	77	0.0477	87	80-120	2	20	%	07/25/11 12:23	X

Analytical Method: Select Metals by SW-846 6010C

Seq Number: 865124

Matrix: Soil

Prep Method: SW3050B

Date Prep: 07/22/2011

Parent Sample Id: 423970-010

MD Sample Id: 423970-010 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Lead	0.0375	0.0357	5	20	%	07/25/11 12:21	



CHAIN OF CUSTODY RECORD

Company: AMEC E&I Address: 1105 Labarand Parkway City: Alpharetta PM/Alt: Josh Janzelli email: Josh.Janzelli@amec.com Project Name: 400 Northside Drive										PO # 20108518 Quote # State: GA Zip: 30009 Phone: 404 817 0204 Fax: 404 817 0221 Project ID: 6122-11-0019 Circle One Event: Daily Weekly Monthly Quarterly Semi-Annual Annual N/A										Atlanta: 6017 Financial Dr. Norcross, GA 30071 770-449-8800 Boca Raton: 3231 NW 7th Ave. Boca Raton, FL 33431 561-447-7373 Miami: 14100 Palmetto Frontage Rd. Miami Lakes, FL 33016 305-823-8500										Orlando: 5448 Hoffner Ave. Ste 408, Orlando, FL 32812 407-429-8022 Tampa: 2505 North Falkenburg Rd. Tampa, FL 33619 813-620-2000										Page 1 of 3 Lab W/O 423952 Field Billable Hrs:									
Sampler Signature: [Signature]										TAT Work Days = D Need results by: 7/27/11 Time: _____										Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1Gal, 40ml, 125ml, 250ml, 500ml, 1L, Other _____ Example: 40zGC = 40z Glass Clear 40mlVP = 40ml Vial Pre-preserved																													
Sample ID										ANALYSES REQUESTED										Preservative Type Codes																													
EXAMPLE(MW-1)										Cont Type: VG										A. None E. HCL I. Ice B. HNO3 F. MeOH J. MCAA C. H2SO4 G. Na2S2O3 K. ZnAc&NaOH D. NaOH H. NaHSO4 L. Asbc Acid&NaOH O.																													
Sample #										Matrix Code: GW NO G										Matrix Type Codes																													
01 6122-11-0019.01										Collect Date: 7/19/11										GW Ground Water S Soil/Sediment/Solid WW Waste Water W Wipe DW Drinking Water A Air SW Surface Water O Oil OW Ocean/Sea Water T Tissue PL Product-Liquid U Urine PS Product-Solid B Blood SL Sludge Other _____																													
02 6122-11-0019.02										Collect Time: 11:35										REMARKS																													
03 6122-11-0019.03										1600																																							
04 6122-11-0019.04										1600																																							
05 6122-11-0019.05										1600																																							
06 6122-11-0019.06										1600																																							
07 6122-11-0019.07										1600																																							
08 6122-11-0019.08										1600																																							
09 6122-11-0019.09										1600																																							
10 6122-11-0019.10										1600																																							
Reg. Program / Clean-up Sid										QA/QC Level & Certification										COC & Labels																													
TRRP DW NPDES LPST DryCin										1 2 3 4 CLP AFCEE QAPP										Match Incomplete																													
Other:										NELAC DoD-ELAP Other:										Absent Unclear																													
Relinquished by										Date										Received by																													
1 Josh Janzelli										7/22/11 08:55										Daniel Lagmar XENCO 7/22/11 8:55																													
2																																																	
3																																																	
4																																																	
FTS: Philadelphia 610-955-5649 South Carolina 803-543-8099 B&A Laboratories: Corpus Christi 361-884-0371 Dallas 214-902-0300 Houston 281-240-4200 Odessa 432-563-1800 San Antonio 210-509-3334																																																	

Execution of this document by client creates a legal and binding agreement between client and Xenco for analytical and testing services provided by Xenco to client under Xenco's standard terms and conditions unless previously agreed in writing. Terms of payment are Net 30 days, and all past due amounts shall accrue interest at 1.5% per month until paid in full. All laboratory analytical data and reports generated by Xenco remain the exclusive property of Xenco until invoices for such data are paid in full.

Property of XENCO - Revision Date: Nov 12, 2009

C.O.C. Serial #



CHAIN OF CUSTODY RECORD

Atlanta: 6017 Financial Dr. Norcross, GA 30071 770-449-8900
Boca Raton: 3231 NW 7th Ave. Boca Raton, FL 33431 561-447-7373
Miami: 14100 Palmetto Frontage Rd. Miami Lakes, FL 33016 305-823-8500

Company: AMEC E+I
Address: 1105 Lakewood Parkway
City: Alpharetta
State: GA
PM/Alt: Josh Janzelli
Phone: 404 817 0204
Fax: 404 817 0221
email: Josh.Janzelli@amec.com
Project Name: 400 Northside Drive
Project ID: 6122-11-0019-17

TAT Work Days = D Need results by: 7/27/11 Time: 11:00
Std (5-10D) 6Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other

Field Billable Hrs: 423.95

Lab W.O. 423.95

Page 2 of 3

Container Type Codes

VA Vial Amber ES Encore Sampler
VC Vial Clear TS TerraCore Sampler
VP Vial Pre-preserved AC Air Canister
GA Glass Amber TB Tied Bag
GC Glass Clear ZB Zip Lock Bag
PA Plastic Amber PC Plastic Clear
Other:

Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1Gal
40ml, 125 ml, 250 ml, 500 ml, 1L, Other
Example: 40zGC = 40z Glass Clear
40mlVP = 40ml Vial Pre-preserved

Preservative Type Codes

A None E HCL I Ice
B HNO₃ F MeOH J MCAA
C H₂SO₄ G Na₂S₂O₃ K ZnAc&NaOH
D NaOH H NaHSO₄ L Asbc Acid&NaOH
O

Matrix Type Codes

GW Ground Water S Soil/Sediment/Solid
WW Waste Water W Wipe
DW Drinking Water A Air
SW Surface Water O Oil
OW Ocean/Sea Water T Tissue
PL Product-Liquid U Urine
PS Product-Solid B Blood
SL Sludge
Other:

REMARKS

Lab Use Only YES NO N/A

Non-Conformances found?

Samples intact upon arrival?

Received on Wet Ice?

Labeled with proper preservatives?

Received within holding time?

Custody seals intact?

VOCs rec'd w/o headspace?

Proper containers used?

pH verified-acceptable, excl VOCs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

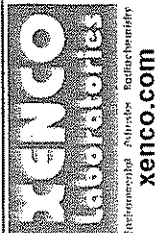
Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?

Received on time to meet HTs?



CHAIN OF CUSTODY RECORD

Page 3 of 3

Company: AMEC E & I Address: 1105 Lakewood Parkway City: Alpharetta PM/Alt: Josh Janzelli email: Josh.Janzelli@amec.com Project Name: 400 Northside Drive		PO #: 20108518 Quote #: State: GA Phone: 404 817 0204 Fax: 404 817 0221 Project ID: G122-11-0019 Task #: 0307		Atlanta: 6017 Financial Dr. Norcross, GA 30071 770-449-8800 Boca Raton: 3231 NW 7th Ave. Boca Raton, FL 33431 561-447-7373 Miami: 14100 Palmetto Frontage Rd. Miami Lakes, FL 33016 305-823-8500		Orlando: 5448 Hoffner Ave. Ste 408, Orlando, FL 32812 407-429-8022 Tampa: 2505 North Falkenburg Rd. Tampa, FL 33619 813-620-2000		Lab W.O. 4230152 Field Billable Hrs:		Container Type Codes VA Vial Amber VC Vial Clear VP Vial Pre-preserved GA Glass Amber GC Glass Clear PA Plastic Amber PC Plastic Clear Other: _____	
TAT Work Days = D Need results by: <u>7/27/11</u> Time: _____ Std (5-10D) 6Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other _____											
ANALYSES REQUESTED											
Matrix Type Codes A None B HNO ₃ C H ₂ SO ₄ D NaOH E HCL F MeOH G Na ₂ S ₂ O ₃ H NaHSO ₄ I Ice J MCAA K ZnAc&NaOH L Asbc Acid&NaOH O _____											
Matrix Type Codes GW Ground Water WW Waste Water DW Drinking Water SW Surface Water OW Ocean/Sea Water PL Product-Liquid PS Product-Solid SL Sludge Other: _____											
REMARKS											
Lab Use Only Non-Conformance found? _____ Samples intact upon arrival? _____ Received on Wet Ice? _____ Labeled with proper preservatives? _____ Received within holding time? _____ Custody seals intact? _____ VOCs rec'd w/o headspace? _____ Proper containers used? _____ pH verified-acceptable, excl VOCs? _____ Received on time to meet HTs? _____											

Relinquished by 1 Josh Janzelli 2 3 4		Received by Dario Laguarda 7/22/11 8:55		EDDs ADAPT SEDD ERPIMS XLS Other: _____		COC & Labels Match Incomplete Absent Unclear		Containers - Temp 1. 2. 3.		Lab Use Only YES NO N/A	
Reg. Program / Clean-up Std TRRP DW NPDES LPST DryChn		STATE for Certs & Regs FL TX GA NC SC NJ PA OK LA AL IL Other: _____		QA/QC Level & Certification 1 2 3 4 CLP AFCEE QAPP NELAC DoD-ELAP Other: _____		ADAPT SEDD ERPIMS XLS Other: _____		COC & Labels Match Incomplete Absent Unclear		Containers - Temp 1. 2. 3.	
Sample ID EXAMPLE(MW-1)		Collect Date 6/16/2004		Collect Time 11:35		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z1		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z2		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z3		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z4		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z5		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z6		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z7		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z8		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z9		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	
Sample # Z10		Collect Date 7/19/11		Collect Time 1600		Matrix Code GW		Field NO 0		Field YES 0	



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In



Client: AMEC E&I, Inc.

Date/ Time Received: 07/22/2011 08:55:00 AM

Work Order #: 423952

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : AAL#62

Sample Receipt Checklist

Comments

#1 *Temperature of cooler(s)?	20
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	N/A
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles/ container?	N/A
#6 *Custody Seals Signed and dated for Containers/coolers	N/A
#7 *Chain of Custody present?	Yes
#8 Sample instructions complete on Chain of Custody?	Yes
#9 Any missing/extra samples?	No
#10 Chain of Custody signed when relinquished/ received?	Yes
#11 Chain of Custody agrees with sample label(s)?	Yes
#12 Container label(s) legible and intact?	Yes
#13 Sample matrix/ properties agree with Chain of Custody?	Yes
#14 Samples in proper container/ bottle?	Yes
#15 Samples properly preserved?	N/A
#16 Sample container(s) intact?	Yes
#17 Sufficient sample amount for indicated test(s)?	Yes
#18 All samples received within hold time?	Yes
#19 Subcontract of sample(s)?	No
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	N/A
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	N/A
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:	PH Device/Lot#
----------	----------------

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ Contacted by : _____ DateTime : _____

Checklist completed by:

Dario Lagunas

Date: 07/22/2011

Checklist reviewed by:

David C. Fuller

Date: 07/22/2011